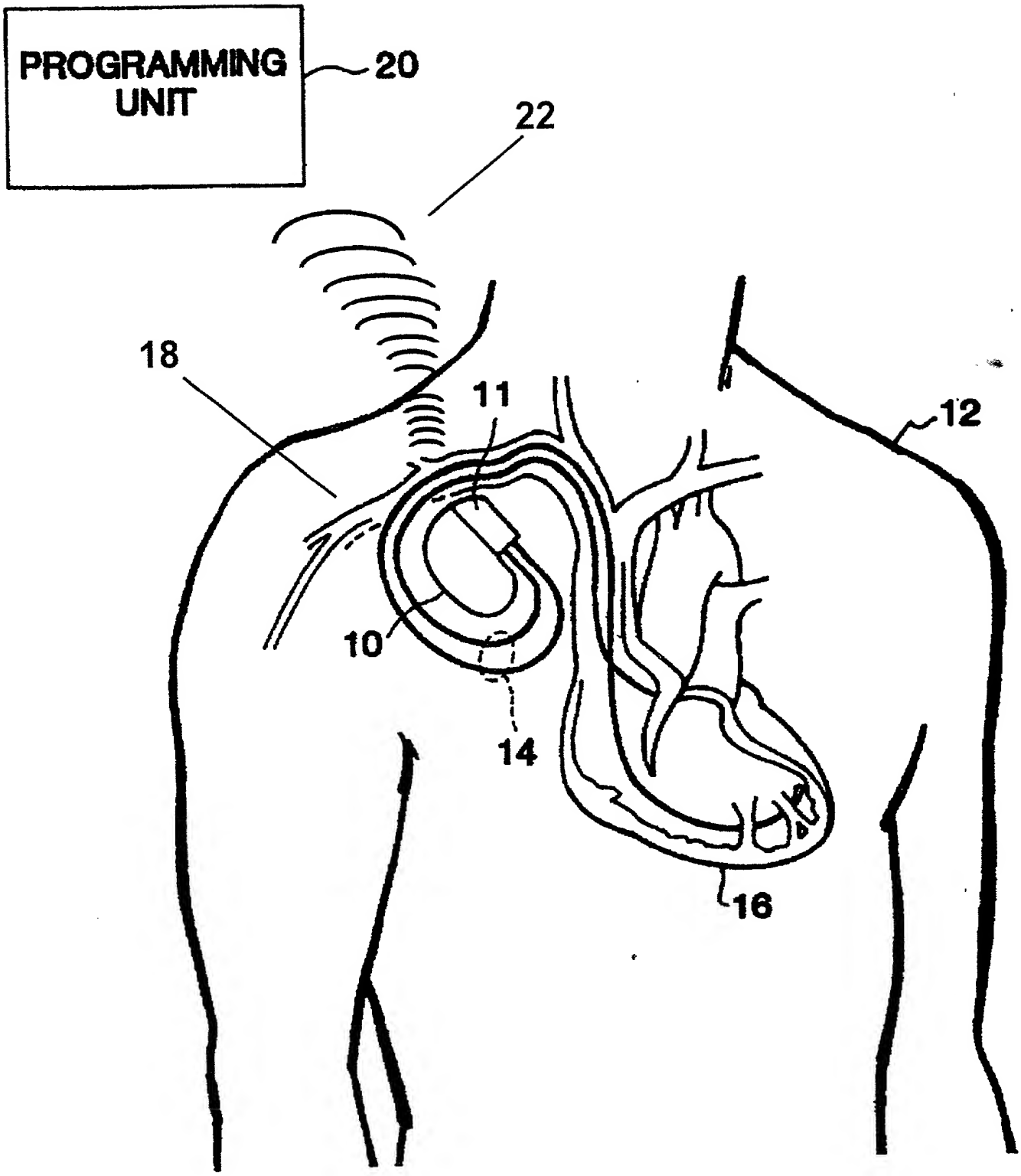

Figure 1

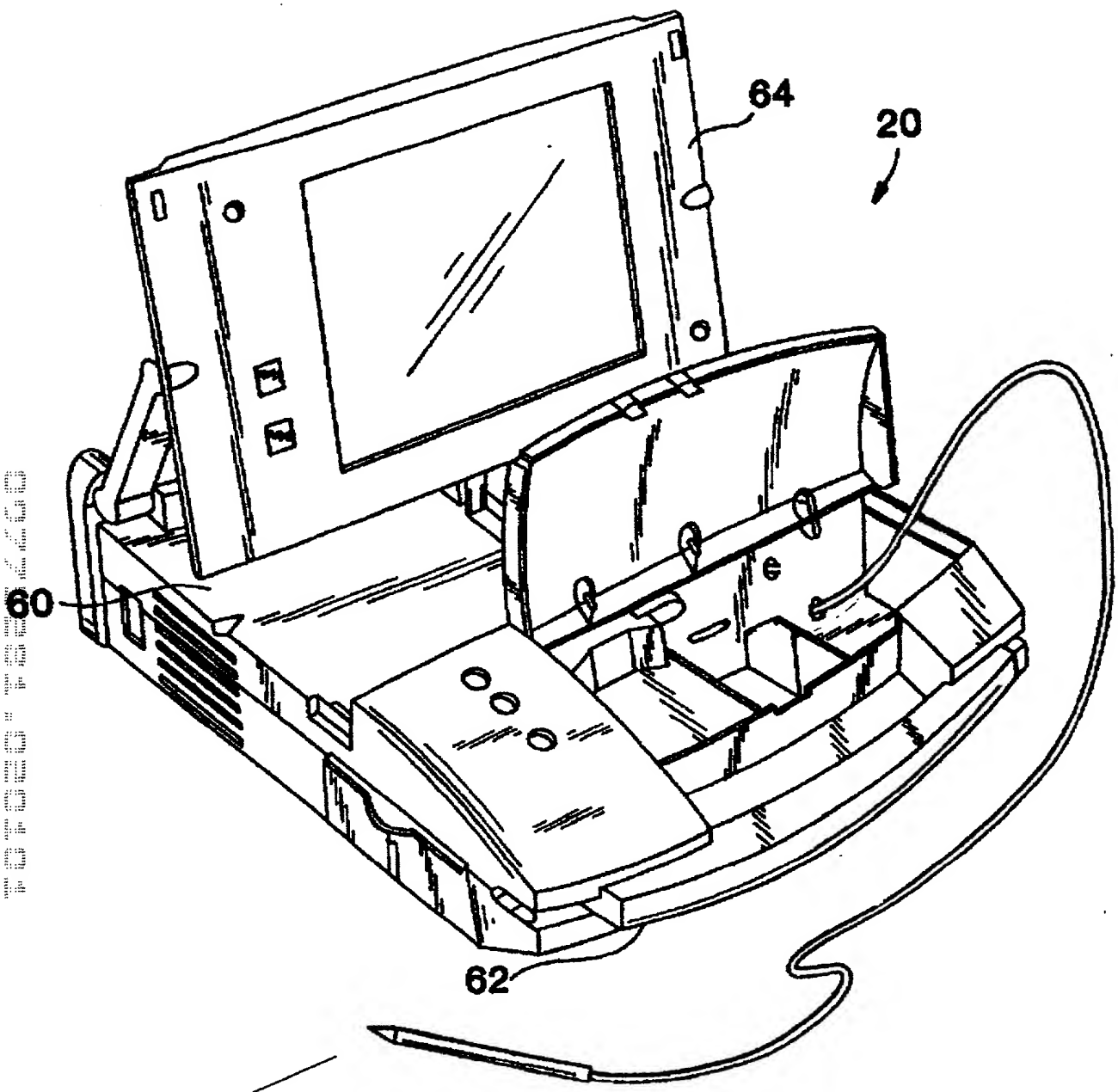

Figure 2

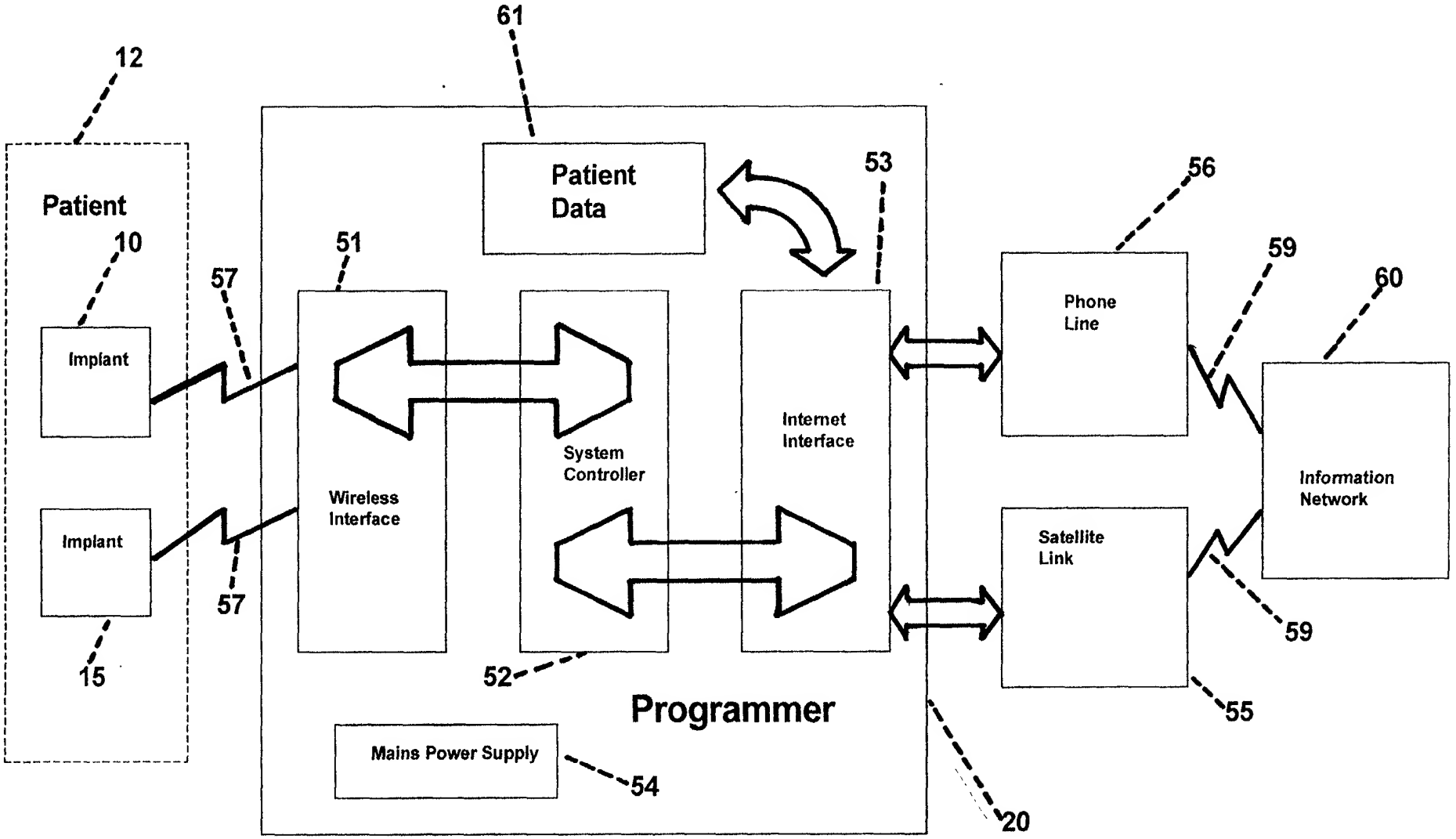
61
12
Patient
Patient Data
53
56
Patient
10
51
59
60
57
Implant
Phone Line
Internet Interface
Information Network
System Controller
Wireless Interface
Implant
Satellite Link
57
59
15
52
Programmer
55
Mains Power Supply
54
20

Figure 3

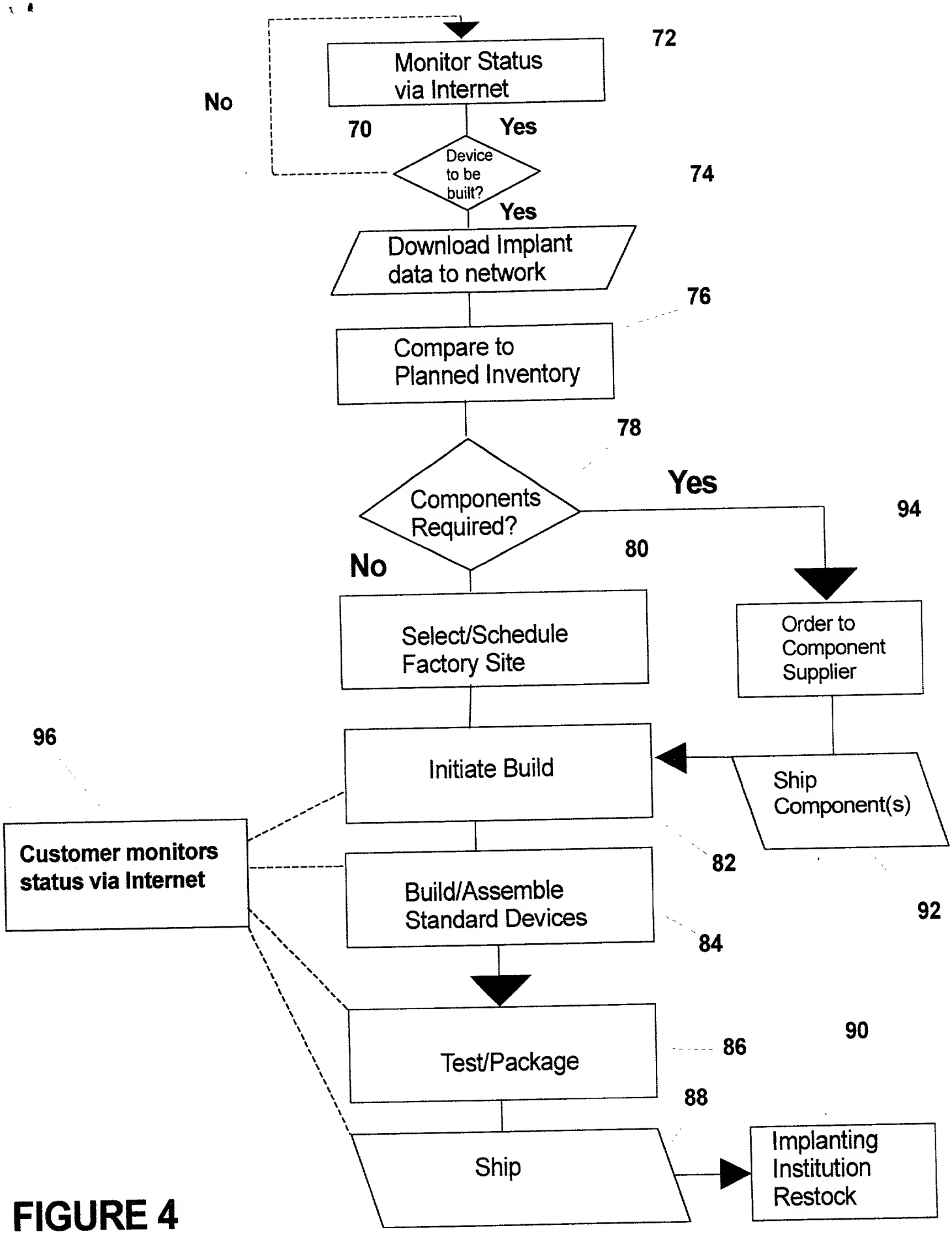
Monitor Status via Internet
72
No
70
Yes
Device to be built?
74
Yes
Download Implant data to network
76
Compare to Planned Inventory
78
Components Required?
Yes
94
No
80
Select/Schedule Factory Site
Order to Component Supplier
96
Initiate Build
Ship Component(s)
Customer monitors status via Internet
82
Build/Assemble Standard Devices
92
84
Test/Package
90
86
88
Ship
Implanting Institution Restock

FIGURE 4